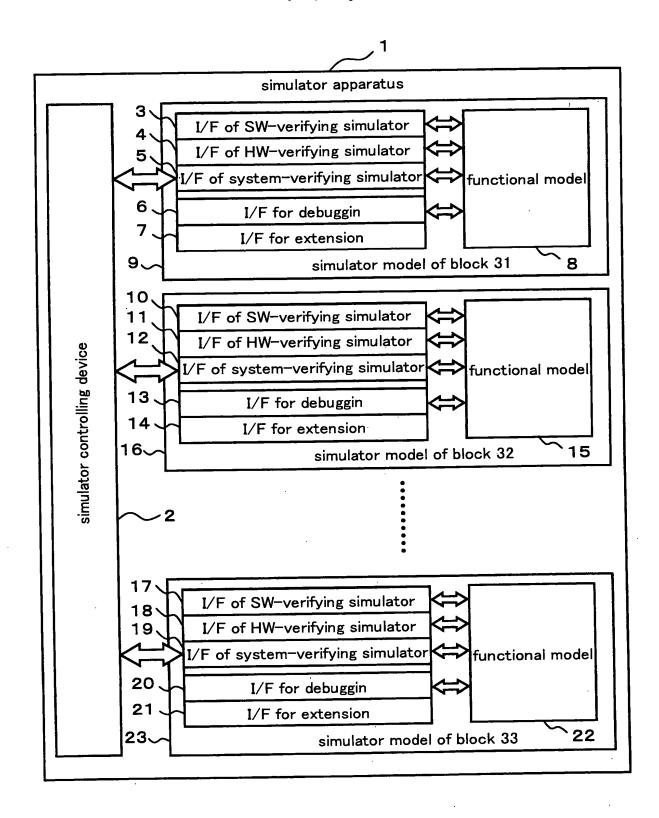
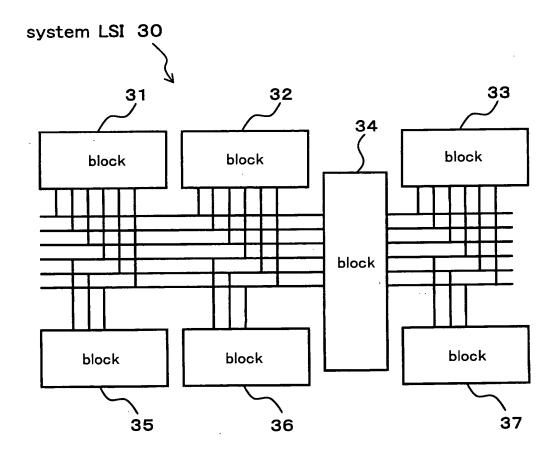
F | G. 1





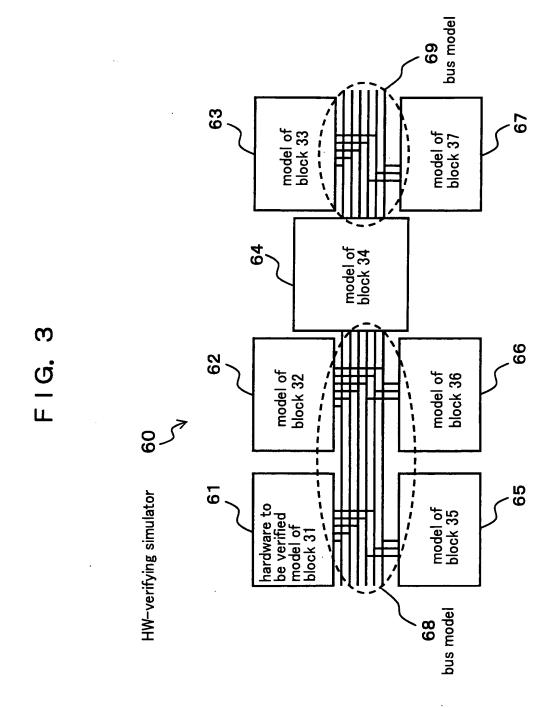


FIG. 4A

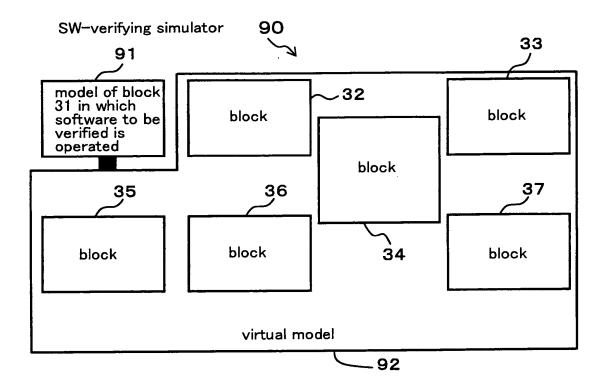
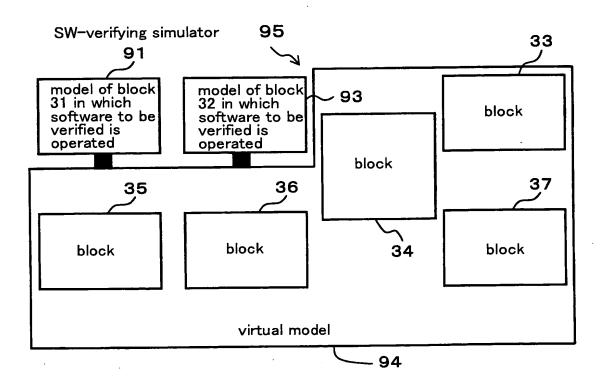
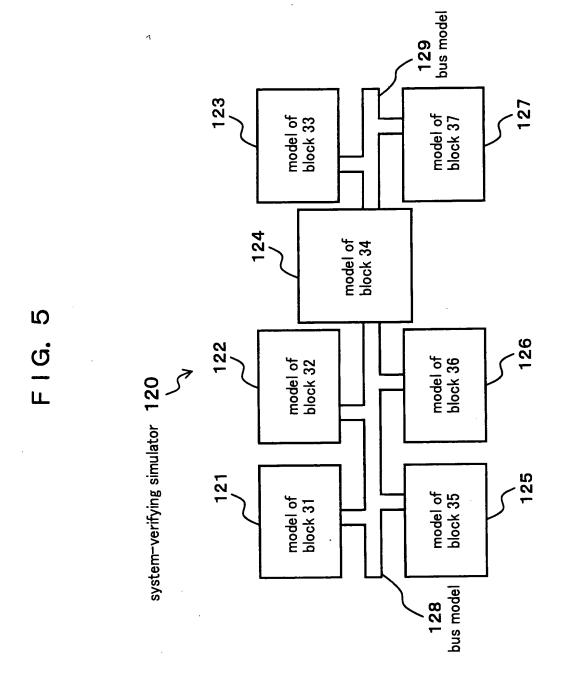
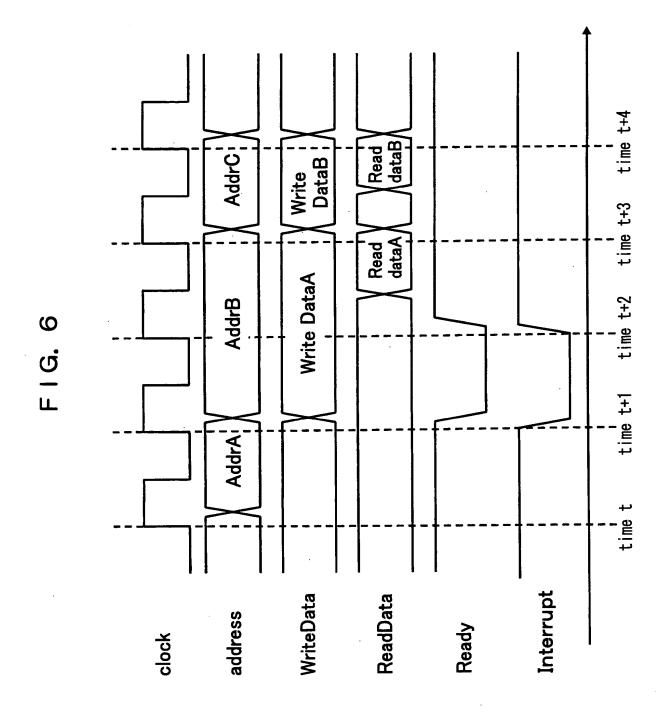
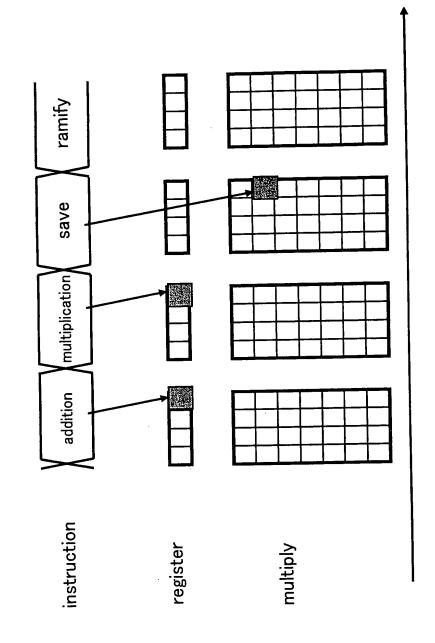


FIG. 4B



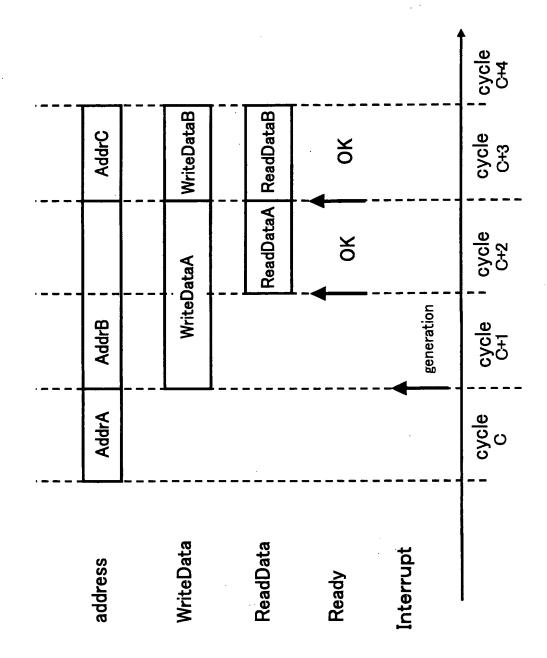






simulation time t

F 1 G. 8



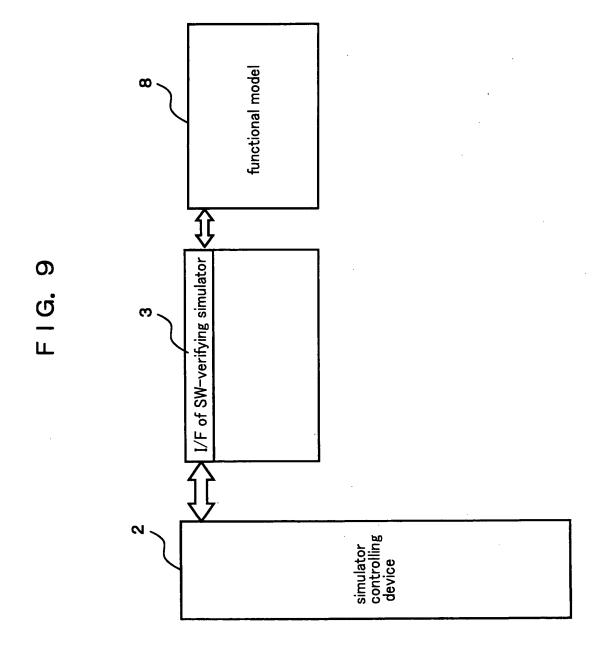


FIG. 10 PRIOR ART

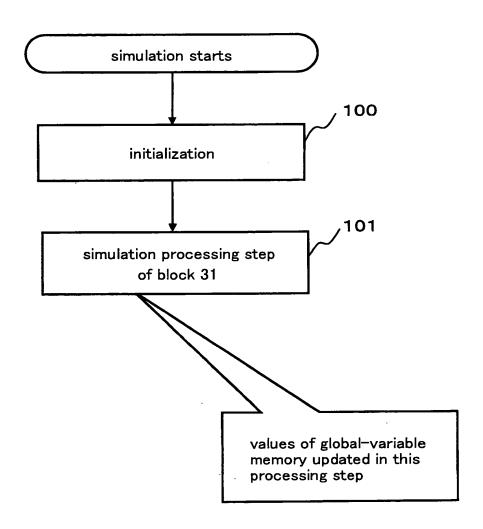
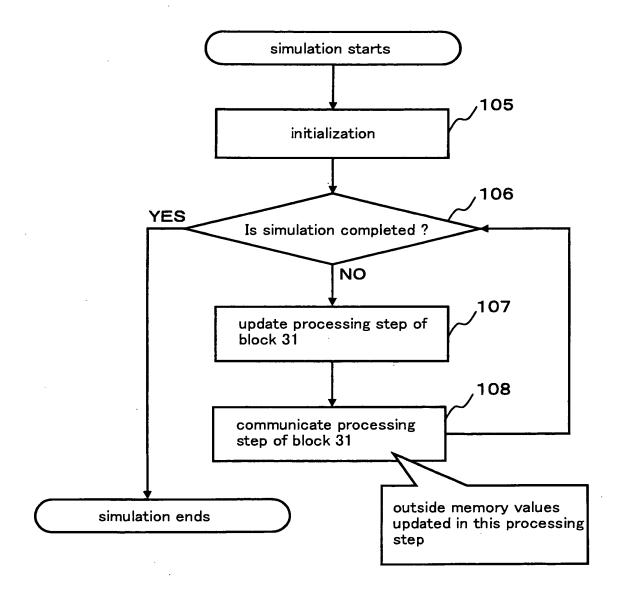


FIG. 11



F1G. 12

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F I G. 12	instruction 1 instruction 3		instruction 2 instruction 3	instruction 1 instruction 2 instruction 3	instruction 1 instruction 2 instruction 3	cycle cycle cycle C+1 C+2 C+3 C+4	
L	instruction 1 in		instruction 1 in	u.	L	oyol O	
	instruction level	cycle level	stage 1	stage 2	stage 3		

FIG. 13

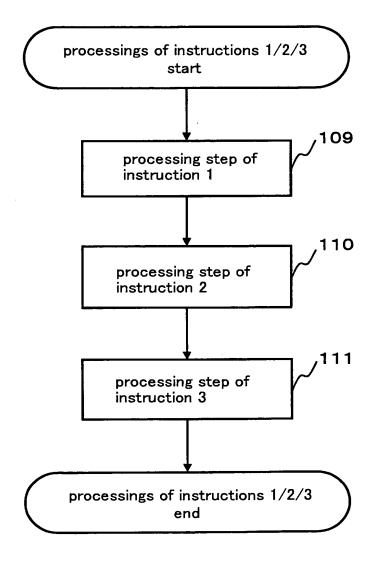


FIG. 14

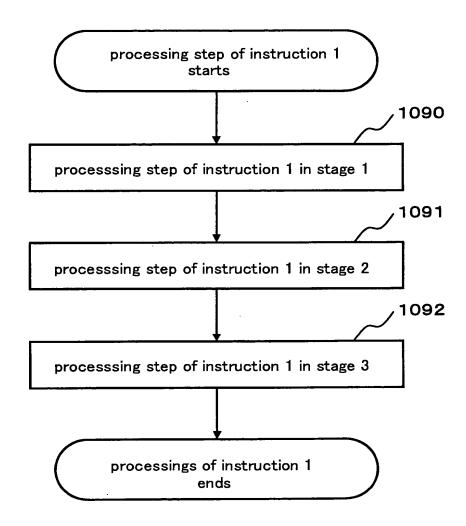


FIG. 15

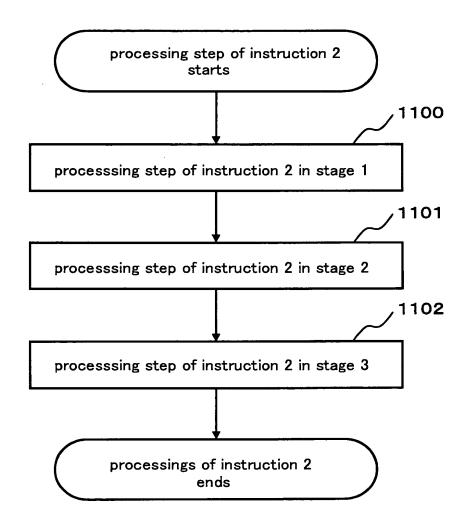


FIG. 16

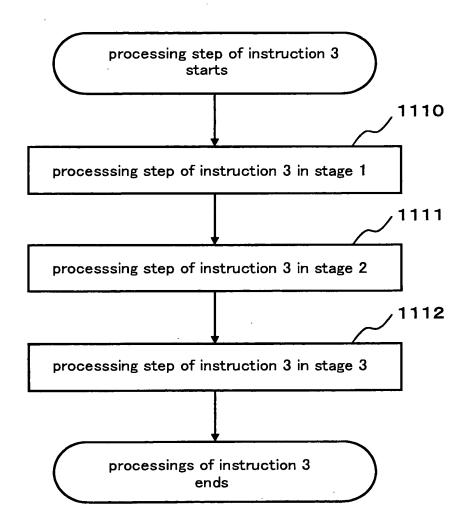


FIG. 17

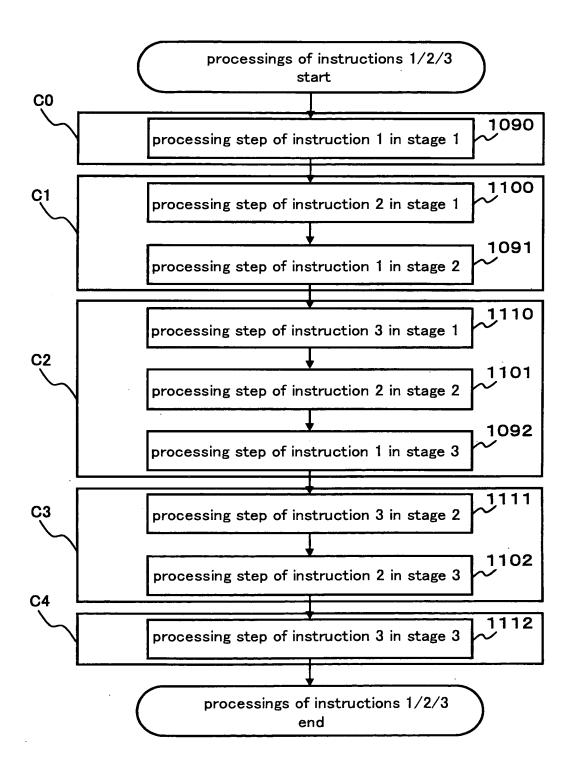


FIG. 18

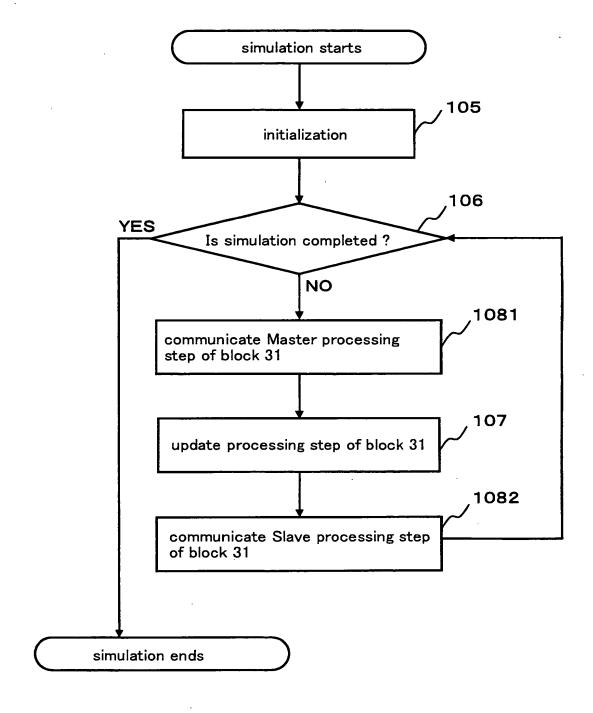


FIG. 19

